Vinod Goel

List of Publications by Year in descending order

57 papers	6,357 citations	185998 28 h-index	168136 53 g-index
62 all docs	62 docs citations	62 times ranked	4240 citing authors

#	Article	IF	Citations
1	Left Amygdala and Putamen Activation Modulate Emotion Driven Decisions in the Iterated Prisonerâ€™s Dilemma Game. Frontiers in Neuroscience, 2019, 13, 741.	1.4	12
2	Patients with Lesions to Left Prefrontal Cortex (BA 9 and BA 10) Have Less Entrenched Beliefs and Are More Skeptical Reasoners. Journal of Cognitive Neuroscience, 2019, 31, 1674-1688.	1.1	2
3	Hemispheric asymmetry in the prefrontal cortex for complex cognition. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 163, 179-196.	1.0	18
4	Developmental grey matter changes in superior parietal cortex accompany improved transitive reasoning. Thinking and Reasoning, 2019, 25, 151-170.	2.1	10
5	Differential roles of polar orbital prefrontal cortex and parietal lobes in logical reasoning with neutral and negative emotional content. Neuropsychologia, 2018, 119, 320-329.	0.7	8
6	Lesions to polar/orbital prefrontal cortex selectively impair reasoning about emotional material. Neuropsychologia, 2017, 99, 236-245.	0.7	10
7	Editorial: The Reasoning Brain: The Interplay between Cognitive Neuroscience and Theories of Reasoning. Frontiers in Human Neuroscience, 2016, 10, 673.	1.0	12
8	Syllogisms delivered in an angry voice lead to improved performance and engagement of a different neural system compared to neutral voice. Frontiers in Human Neuroscience, 2015, 9, 273.	1.0	8
9	Indeterminacy tolerance as a basis of hemispheric asymmetry within prefrontal cortex. Frontiers in Human Neuroscience, 2015, 9, 326.	1.0	9
10	Reason and less. Frontiers in Psychology, 2014, 5, 901.	1.1	1
11	Creative brains: designing in the real worldÃ¢â‚¬Â. Frontiers in Human Neuroscience, 2014, 8, 241.	1.0	63
12	Dissociable Neural Systems Underwrite Logical Reasoning in the Context of Induced Emotions with Positive and Negative Valence. Frontiers in Human Neuroscience, 2014, 8, 736.	1.0	10
13	Different Neural Systems Contribute to Semantic Bias and Conflict Detection in the Inclusion Fallacy Task. Frontiers in Human Neuroscience, 2014, 8, 797.	1.0	11
14	Lesions to right prefrontal cortex impair real-world planning through prematurecommitments. Neuropsychologia, 2013, 51, 713-724.	0.7	24
15	Transitive inference reasoning is impaired by focal lesions in parietal cortex rather than rostrolateral prefrontal cortex. Neuropsychologia, 2013, 51, 464-471.	0.7	29
16	The effect of partner-directed emotion in social exchange decision-making. Frontiers in Psychology, 2013, 4, 469.	1.1	9
17	Limits of cognitive science's contribution to neuroscience. Cortex, 2012, 48, 1379-1380.	1.1	0
18	Levels of conflict in reasoning modulate right lateral prefrontal cortex. Brain Research, 2012, 1428, 24-32.	1.1	34

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19	Negative emotions can attenuate the influence of beliefs on logical reasoning. Cognition and Emotion, 2011, 25, 121-131.	1.2	33
20	Neural basis of thinking: laboratory problems versus realâ€world problems. Wiley Interdisciplinary Reviews: Cognitive Science, 2010, 1, 613-621.	1.4	20
21	A role for right ventrolateral prefrontal cortex in reasoning about indeterminate relations. Neuropsychologia, 2009, 47, 2790-2797.	0.7	51
22	Frontotemporal dementia selectively impairs transitive reasoning about familiar spatial environments.. Neuropsychology, 2009, 23, 619-626.	1.0	6
23	Fractionating the System of Deductive Reasoning. On Thinking, 2009, , 203-218.	0.5	4
24	Pedagogy revealed through functional anatomy. Trends in Cognitive Sciences, 2008, 12, 174-175.	4.0	2
25	Smarter Than We Think. Psychological Science, 2008, 19, 483-489.	1.8	237
26	Hemispheric Specialization in Human Prefrontal Cortex for Resolving Certain and Uncertain Inferences. Cerebral Cortex, 2007, 17, 2245-2250.	1.6	79
27	Social Regulation of Affective Experience of Humor. Journal of Cognitive Neuroscience, 2007, 19, 1574-1580.	1.1	57
28	Anatomy of deductive reasoning. Trends in Cognitive Sciences, 2007, 11, 435-441.	4.0	280
29	Resolving Valid Multiple Model Inferences Activates a Left Hemisphere Network. Advances in Psychology, 2006, 138, 113-126.	0.1	0
30	Intuitive interference in quantitative reasoning. Brain Research, 2006, 1073-1074, 383-388.	1.1	36
31	Task constraints modulate activation in right ventral lateral prefrontal cortex. NeuroImage, 2005, 27, 927-933.	2.1	62
32	Dissociating the Roles of Right Ventral Lateral and Dorsal Lateral Prefrontal Cortex in Generation and Maintenance of Hypotheses in Set-shift Problems. Cerebral Cortex, 2005, 15, 1170-1177.	1.6	163
33	Asymmetrical involvement of frontal lobes in social reasoning. Brain, 2004, 127, 783-790.	3.7	43
34	The Hippocampal System Mediates Logical Reasoning about Familiar Spatial Environments. Journal of Cognitive Neuroscience, 2004, 16, 654-664.	1.1	77
35	Differential involvement of left prefrontal cortexin inductive and deductive reasoning. Cognition, 2004, 93, B109-B121.	1.1	211
36	Logical reasoning deficits in schizophrenia. Schizophrenia Research, 2004, 66, 87-88.	1.1	16

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37	The Neural Basis of Conditional Reasoning with Arbitrary Content. Cortex, 2004, 40, 613-622.	1.1	131
38	Neuroanatomical correlates of aesthetic preference for paintings. NeuroReport, 2004, 15, 893-897.	0.6	404
39	Explaining modulation of reasoning by belief. Cognition, 2003, 87, B11-B22.	1.1	403
40	Reciprocal neural response within lateral and ventral medial prefrontal cortex during hot and cold reasoning. NeuroImage, 2003, 20, 2314-2321.	2.1	166
41	The functional anatomy of humor: segregating cognitive and affective components. Nature Neuroscience, 2001, 4, 237-238.	7.1	328
42	Functional neuroanatomy of three-term relational reasoning. Neuropsychologia, 2001, 39, 901-909.	0.7	182
43	Dissociation of Design Knowledge. , 2001, , 221-240.		6
44	Dissociation of Mechanisms Underlying Syllogistic Reasoning. NeuroImage, 2000, 12, 504-514.	2.1	344
45	Anatomical Segregation of Component Processes in an Inductive Inference Task. Journal of Cognitive Neuroscience, 2000, 12, 110-119.	1.1	115
46	ROLE OF THE RIGHT PREFRONTAL CORTEX IN ILL-STRUCTURED PLANNING. Cognitive Neuropsychology, 2000, 17, 415-436.	0.4	162
47	Neuroanatomical Correlates of Human Reasoning. Journal of Cognitive Neuroscience, 1998, 10, 293-302.	1.1	294
48	The seats of reason? An imaging study of deductive and inductive reasoning. NeuroReport, 1997, 8, 1305-1310.	0.6	281
49	What is the locality assumption and how is it violated?. Behavioral and Brain Sciences, 1997, 20, 519-520.	0.4	0
50	Modeling other minds. NeuroReport, 1995, 6, 1741-1746.	0.6	523
51	Are the frontal lobes implicated in â€œplanningâ€•functions? Interpreting data from the Tower of Hanoi. Neuropsychologia, 1995, 33, 623-642.	0.7	431
52	A comparison of design and nondesign problem spaces. Advanced Engineering Informatics, 1994, 9, 53-72.	0.5	30
53	Comments on the Connection Principle. Behavioral and Brain Sciences, 1993, 16, 189-190.	0.4	1
54	The structure of Design Problem Spaces. Cognitive Science, 1992, 16, 395-429.	0.8	368

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55	Notationality and the information processing mind. Minds and Machines, 1991, 1, 129-165.	2.7	17
56	Smolensky's proper treatment of connectionism: Having it both ways. Behavioral and Brain Sciences, 1990, 13, 400-401.	0.4	1
57	Perceived danger associated with a property modulates cross category generalization. Cognitive Neurodynamics, 0, , 1.	2.3	0